1/8

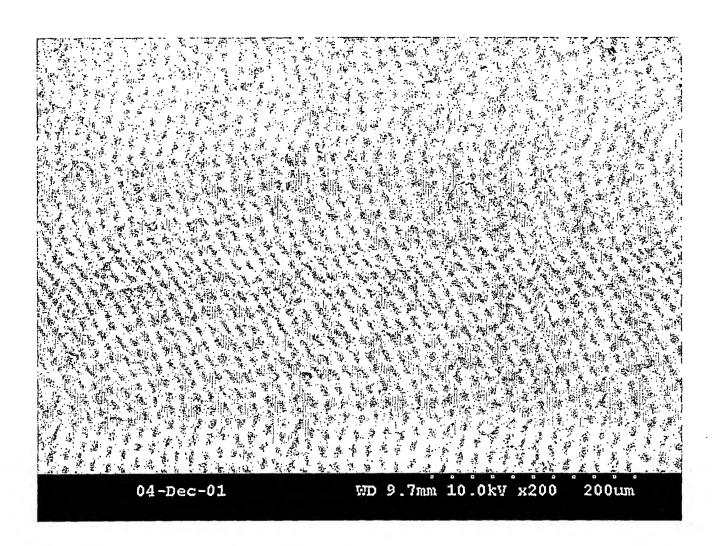
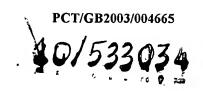


Fig. 1

C	Si	Mn	Ni	Cr	Mo	Nb	Hf	Ti	Zr	Co	W
0.41	1.12	0.73	34.3	25.7	0.02	0.96	0.26	0.00	0.008	0.05	0.01



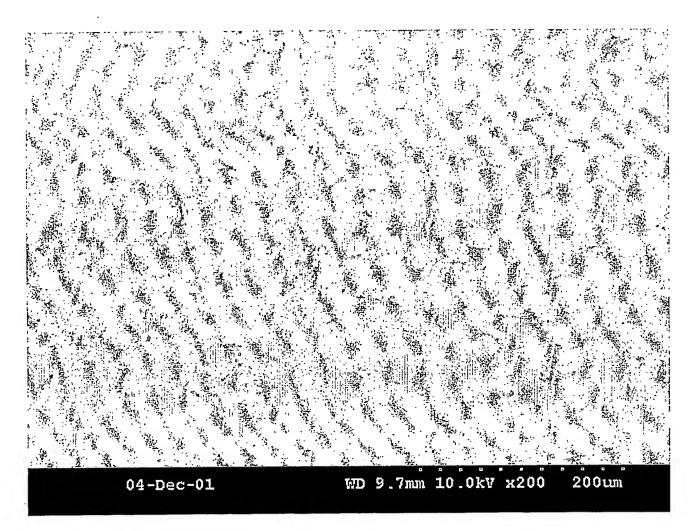


Fig. 2

С	Si	Mn	Ni	Cr	Mo	Nb	Hf	Ti	Zr	Со	W
0.41	1.85	1.47	34.7	24.4	0.05	0.96	0.10	0.09	0.01	0.04	0.02

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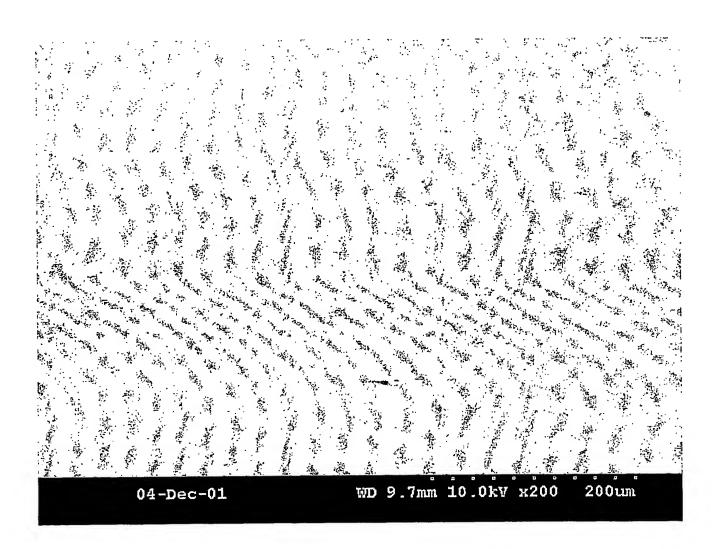


Fig. 3

С	Si	Mn	Ni	Cr	Mo	Nb	Hf	Ti	Zr	Со	W
0.40	1.51	0.96	33.2	24.7	0.02	0.77	0.31	0.08	0.01	0.05	0.01

WALL BOOK MICHIEF

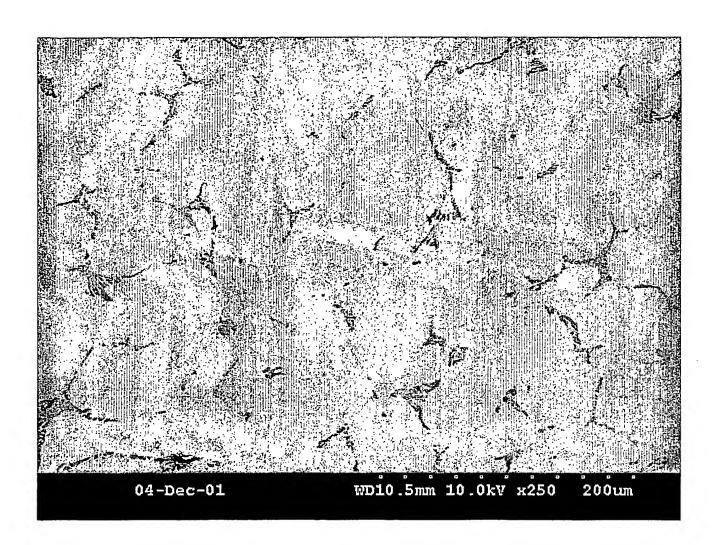


Fig. 4

С	Si	Mn	Ni	Cr	Mo	Nb	Hf	Ti	Zr	Со	W
0.45	1.30	0.90	33.8	25.7	0.03	0.85	0.25	0.10	0.01	0.04	0.01

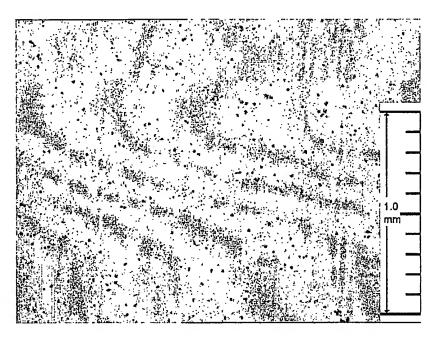


Fig. 5

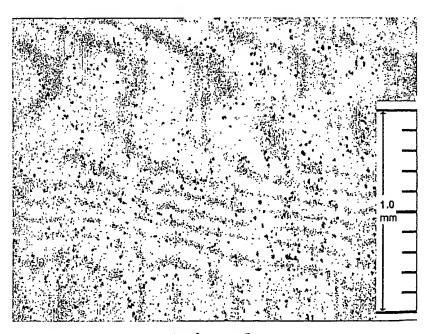


Fig. 6



Alloy without hafnia
---- Example 1

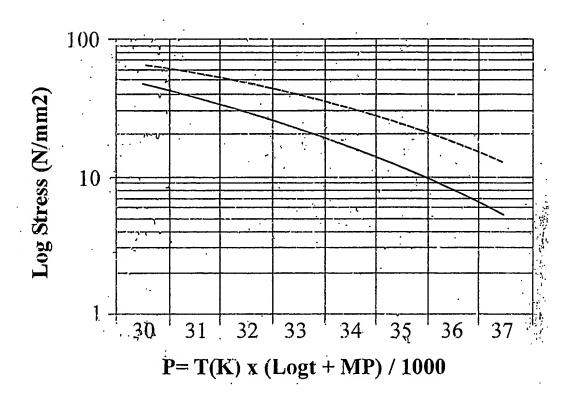


Fig. 7



100,000hrs creep strength comparison

Alloy without hafnia
----- Example 1

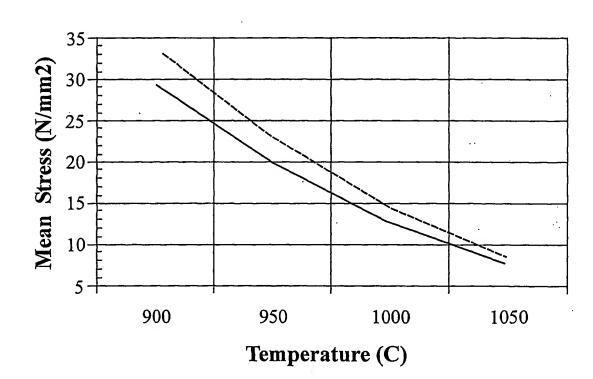


Fig. 8

Pack-Carburisation Test at 1150C During 200hrs

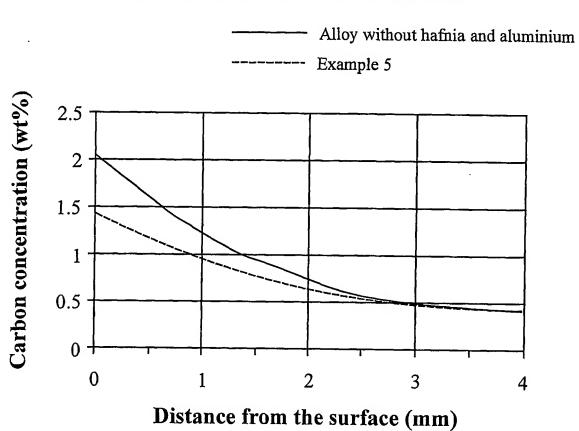


Fig. 9